

CLAIMS

1. A system of control panels for multifunction print devices, the system of control panels comprising multiple control panels each of which include:

multiple regions each of which are associated with a different function of the multifunction print devices;

selectable controls grouped by functional relation into one or more control groups, the selectable controls of an individual control group arranged within a region associated with a function of the individual control group; and

at least one control panel having the selectable controls arranged within less than all of the multiple regions.

2. A system of control panels as recited in claim 1, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction print device.

3. A system of control panels as recited in claim 1, wherein at least one control panel further includes a label to indicate the different functions of a particular multifunction print device, and to identify a position on the control panel of the control groups corresponding to the different functions.

4. A system of control panels as recited in claim 1, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print devices; and

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print devices.

5. A system of control panels as recited in claim 1, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region without selectable scanning controls; and

a fax region without selectable faxing controls.

6. A system of control panels as recited in claim 1, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction print device, and wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of the multifunction print device; and

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device.

7. A system of control panels as recited in claim 1, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of the multifunction print devices, the selectable printing controls selected from a group including:

a first printing control configured to cancel a print job;

a second printing control configured to select a menu option on a display panel;

one or more display controls configured to display information on the display panel;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print devices, the selectable copying controls selected from a group including:

a first copying control configured to select copy exposure;

a second copying control configured to select a number of copies;

a third copying control configured to select copy size;

a fourth copying control configured to select copy quality;

a fifth copying control configured to select collation of copies;

a sixth copying control configured to select paper size; and

a seventh copying control configured to initiate a copy.

8. A system of control panels as recited in claim 1, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device; and

a scan region having a scan control group of scanning controls associated with a scan function of the multifunction print device.

9. A system of control panels as recited in claim 1, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region having a scan control group of scanning controls associated with a scan function of the multifunction print device; and

a fax region without selectable faxing controls.

10. A system of control panels as recited in claim 1, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction print device, and wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of the multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device; and

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device.

11. A system of control panels as recited in claim 7, wherein the multiple regions further include:

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device, the selectable scanning controls selected from a group including:

a first scanning control configured to select a destination location for a scanned image; and

a second scanning control configured to initiate a scan.

12. A system of control panels as recited in claim 1, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device; and

a fax region having a fax control group of selectable faxing controls associated with a fax function of the multifunction device.

13. A system of control panels as recited in claim 1, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction print device, and wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of the multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device; and

a fax region having a fax control group of selectable faxing controls associated with a fax function of the multifunction device.

14. A system of control panels as recited in claim 11, wherein the multiple regions include:

a fax region having a fax control group of selectable faxing controls associated with a fax function of the multifunction device, the selectable faxing controls selected from a group including:

- a first faxing control configured to adjust a volume of an audible output;
- a second faxing control configured to list destination fax numbers;
- a third faxing control configured to select fax resolution;
- a fourth faxing control configured to redial a destination fax number, and further configured to pause transmitting a fax;
- a fifth faxing control configured to initiate a fax;
- a keypad to dial a destination fax number; and
- one or more speed dial selectable controls to dial a destination fax number.

15. A control panel for multifunction print devices, comprising:
multiple regions each of which are associated with a different function of the multifunction print devices;
selectable controls grouped by functional relation into one or more control groups, the selectable controls of an individual control group arranged within a region associated with a function of the individual control group; and
the selectable controls arranged within less than all of the multiple regions.

16. A control panel as recited in claim 15, further comprising a display panel configured to display information pertaining to a multifunction print device.

17. A control panel as recited in claim 15, further comprising a label to indicate the different functions of a particular multifunction print device, and to identify a position on the control panel of the control groups corresponding to the different functions.

18. A control panel as recited in claim 15, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region without selectable scanning controls; and

a fax region without selectable faxing controls.

19. A control panel as recited in claim 15, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of the multifunction print devices, the selectable printing controls selected from a group including:

a first printing control configured to cancel a print job;

a second printing control configured to select a menu option on a display panel;

one or more display controls configured to display information on the display panel;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print devices, the selectable copying controls selected from a group including:

a first copying control configured to select copy exposure;

a second copying control configured to select a number of copies;

a third copying control configured to select copy size;

a fourth copying control configured to select copy quality;

a fifth copying control configured to select collation of copies;

a sixth copying control configured to select paper size; and

a seventh copying control configured to initiate a copy.

20. A control panel as recited in claim 15, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region having a scan control group of scanning controls associated with a scan function of the multifunction print device; and

a fax region without selectable faxing controls.

21. A control panel as recited in claim 19, wherein the multiple regions further include:

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device, the selectable scanning controls selected from a group including:

a first scanning control configured to select a destination location for a scanned image; and

a second scanning control configured to initiate a scan.

22. A control panel as recited in claim 15, wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of a multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device; and

a fax region having a fax control group of selectable faxing controls associated with a fax function of the multifunction device.

23. A control panel as recited in claim 15, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction print device, and wherein the multiple regions include:

a print region having a print control group of selectable printing controls associated with a print function of the multifunction print device;

a copy region having a copy control group of selectable copying controls associated with a copy function of the multifunction print device;

a scan region having a scan control group of selectable scanning controls associated with a scan function of the multifunction print device; and

a fax region having a fax control group of selectable faxing controls associated with a fax function of the multifunction device.

24. A control panel as recited in claim 21, wherein the multiple regions further include:

a fax region having a fax control group of selectable faxing controls associated with a fax function of the multifunction device, the selectable faxing controls selected from a group including:

 a first faxing control configured to adjust a volume of an audible output;

 a second faxing control configured to list destination fax numbers;

 a third faxing control configured to select fax resolution;

 a fourth faxing control configured to redial a destination fax number, and further configured to pause transmitting a fax;

 a fifth faxing control configured to initiate a fax;

 a keypad to dial a destination fax number; and

 one or more speed dial selectable controls to dial a destination fax number.

25. A system of control panels for multifunction devices, the system of control panels comprising multiple control panels each of which include:

multiple regions each of which are associated with a different function of the multifunction devices;

one or more selectable controls arranged within one or more of the multiple regions, the one or more selectable controls within any one region having individual functionality associated with the different function of the one region;

the multiple regions including a print region having one or more selectable printing controls associated with a print function of the multifunction devices, and a copy region having one or more selectable copying controls associated with a copy function of the multifunction devices; and

at least one control panel having selectable controls arranged within less than all of the multiple regions.

26. A system of control panels as recited in claim 25, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction device.

27. A system of control panels as recited in claim 25, wherein at least one control panel includes a label to indicate the different functions of a particular multifunction device, and to identify a position on the control panel of the one or more selectable controls corresponding to a particular different function.

28. A system of control panels as recited in claim 25, wherein the multiple regions further include a scan region without selectable scanning controls, and a fax region without selectable faxing controls.

29. A system of control panels as recited in claim 25, wherein:
the one or more selectable printing controls are selected from a group including:

- a first printing control configured to cancel a print job;
- a second printing control configured to select a menu option on a display panel;
- one or more display controls configured to display information on the display panel;
- the one or more selectable copying controls are selected from a group including:
 - a first copying control configured to select copy exposure;
 - a second copying control configured to select a number of copies;
 - a third copying control configured to select copy size;
 - a fourth copying control configured to select copy quality;
 - a fifth copying control configured to select collation of copies;
 - a sixth copying control configured to select paper size; and
 - a seventh copying control configured to initiate a copy.

30. A system of control panels as recited in claim 25, wherein the multiple regions further include a scan region having one or more selectable scanning controls associated with a scan function of the multifunction device.

31. A system of control panels as recited in claim 25, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction device, and wherein the multiple regions further include a scan region having one or more selectable scanning controls associated with a scan function of the multifunction device.

32. A system of control panels as recited in claim 29, wherein the multiple regions further include a scan region having one or more selectable scanning controls associated with a scan function of the multifunction device, the one or more selectable scanning controls selected from a group including:

a first scanning control configured to select a destination location for a scanned image; and

a second scanning control configured to initiate a scan.

33. A system of control panels as recited in claim 25, wherein the multiple regions further include:

a scan region having one or more selectable scanning controls associated with a scan function of the multifunction device; and

a fax region having one or more selectable faxing controls associated with a fax function of the multifunction device.

34. A system of control panels as recited in claim 25, wherein the multiple control panels each include a display panel configured to display information pertaining to a multifunction device, and wherein the multiple regions further include:

 a scan region having one or more selectable scanning controls associated with a scan function of the multifunction device; and

 a fax region having one or more selectable faxing controls associated with a fax function of the multifunction device.

35. A system of control panels as recited in claim 32, wherein:

 the multiple regions further include a fax region having one or more selectable faxing controls associated with a fax function of the multifunction device, the one or more selectable faxing controls selected from a group including:

 a first faxing control configured to adjust a volume of an audible output;

 a second faxing control configured to list destination fax numbers;

 a third faxing control configured to select fax resolution;

 a fourth faxing control configured to redial a destination fax number, and further configured to pause transmitting a fax;

 a fifth faxing control configured to initiate a fax;

 a keypad to dial a destination fax number; and

 one or more speed dial selectable controls to dial a destination fax number.

36. A method, comprising:

defining multiple regions of a control panel for a multifunction device;

associating an individual region with a particular function of the multifunction device, the particular function selected from a group of functions including printing, copying, scanning, and faxing;

associating one or more selectable controls with the individual region, the one or more selectable controls having individual functionality associated with the particular function of the individual region; and

producing multiple control panels some of which have selectable controls in less than all of the multiple regions.

37. A method as recited in claim 36, wherein producing includes producing the control panel with a display panel for displaying information pertaining to the multifunction device.

38. A method as recited in claim 36, wherein producing includes producing the control panel with a label to indicate the different functions of the multifunction device, and to identify a position on the control panel of the one or more selectable controls corresponding to a particular region.

39. A method as recited in claim 36, wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device; and

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device.

40. A method as recited in claim 36, wherein producing includes producing the control panel with a display panel for displaying information pertaining to the multifunction device, and wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device; and

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device.

41. A method as recited in claim 36, wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device, the one or more selectable printing controls being selected from a group including:

a first printing control for canceling a print job;

a second printing control for selecting a menu option on a display panel;

one or more display controls for displaying information on the display panel;

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device, the one or more selectable copying controls being selected from a group including:

a first copying control for selecting copy exposure;

a second copying control for selecting a number of copies;

a third copying control for selecting copy size;

a fourth copying control for selecting copy quality;

a fifth copying control for selecting collation of copies;

a sixth copying control for selecting paper size; and

a seventh copying control for initiating a copy.

42. A method as recited in claim 36, wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device;

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device; and

associating one or more selectable scanning controls with an individual region corresponding to a scanning function of the multifunction device.

43. A method as recited in claim 36, wherein producing includes producing the control panel with a display panel for displaying information pertaining to the multifunction device, and wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device;

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device; and

associating one or more selectable scanning controls with an individual region corresponding to a scanning function of the multifunction device.

44. A method as recited in claim 41, wherein associating the one or more selectable controls includes associating one or more selectable scanning controls with an individual region corresponding to a scanning function of the multifunction device, the one or more selectable scanning controls being selected from a group including:

a first scanning control for selecting a destination location for a scanned image; and

a second scanning control for initiating a scan.

45. A method as recited in claim 36, wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device;

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device;

associating one or more selectable scanning controls with an individual region corresponding to a scanning function of the multifunction device; and

associating one or more selectable faxing controls with an individual region corresponding to a faxing function of the multifunction device.

46. A method as recited in claim 36, wherein producing includes producing the control panel with a display panel for displaying information pertaining to the multifunction device, and wherein associating the one or more selectable controls includes:

associating one or more selectable printing controls with an individual region corresponding to a printing function of the multifunction device;

associating one or more selectable copying controls with an individual region corresponding to a copying function of the multifunction device;

associating one or more selectable scanning controls with an individual region corresponding to a scanning function of the multifunction device; and

associating one or more selectable faxing controls with an individual region corresponding to a faxing function of the multifunction device.

47. A method as recited in claim 44, wherein associating the one or more selectable controls includes associating one or more selectable faxing controls with an individual region corresponding to a faxing function of the multifunction device, the one or more selectable faxing controls being selected from a group including:

a first faxing control for adjusting a volume of an audible output;

a second faxing control for listing destination fax numbers;

a third faxing control for selecting fax resolution;

a fourth faxing control for redialing a destination fax number, and

for pausing transmitting a fax;

a fifth faxing control for initiating a fax;

a keypad for dialing a destination fax number; and

one or more speed dial selectable controls for dialing a destination fax number.